



2 TYPICAL CONCRETE BASE FOR POLE MOUNTED SITE LUMINAIRE
ESP1.0 SCALE = N.T.S.

WRAPAROUND ALUMINUM COLOUR
ACCENT BAND TO METRO &
ARCHITECT'S SELECTION

FIN. GRADE

DANGER TAPE AT 300MM

900

50

900

75 MM COVER

FIBRE FORM 1H

19mm RIGID CONDUIT SLEEVE FOR GROUND CONNECTION AS REQUIRED & SPECIFIED (REFER TO NOTE 5)

POLYETHYLENE PIPE WITH ADAPTER COUPLING

50mm RIGID PVC

SIZE AND DEPTH TO BE CONFIRMED BY A STRUCTURAL ENGINEER

LIGHTING POLE
POLE BASE COVER
LOCK NUTS
LEVELING NUTS
CAST-IN-PLACE ARCHITECTURAL CONCRETE BASE VIA HELIX 610R "AIRFORM" BREAKAWAY FORM SUPPLIED BY ARTFORM INTERNATIONAL INC. STURDIVILLE, ONTARIO TEL. (905) 842-3225
GALVANIZED STEEL "J" POLES AS SUPPLIED BY MANUFACTURER
50mm rigid PVC CONDUIT SLEEVE
TOP OF CONVENTIONAL FIBRE FORM AT 50 BELOW FINISHED GRADE
32MPa CONCRETE AIR ENTRAINMENT

NOTES:

1. DIMENSIONS SHOWN ARE IN MILLIMETRES, UNLESS OTHERWISE NOTED.
2. CLASS OF CONCRETE SHALL BE 32mpa. AIR ENTRAINMENT.
3. MINIMUM OF TWO SLEEVES REQUIRED FOR EACH CONC. FOUNDATION UNLESS OTHERWISE SHOWN.
4. CONTRACTOR TO VERIFY OPENING SIZE IN POLE BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES. CONTRACTOR TO PROVIDE STRUCTURAL ENGINEER APPROVAL FOR BASE DESIGN.
5. SUBJECT TO SOIL CONDITIONS, REFER TO SOIL REPORT.
6. FORM RELEASE AGENT HAS BEEN FACTORY-APPLIED TO INSIDE SURFACE OF "AIRFORM".
7. WHERE APPLICABLE, THIS DETAIL DRAWING SHOULD BE MODIFIED TO MEET LOCAL REQUIREMENTS. RETAIN STRUCTURAL ENGINEER TO PROVIDE CONCRETE SPECIFICATIONS AND SUPPORT.

POLE LENGTH m	BURIAL DEPTH m	ROD LENGTH m	A mm	NO OF 10M TIES @450mm C/C	BOLT CIRCLE DIA FOR METAL POLES		
					ALUMINUM	STEEL	SECTIONAL STEEL
5.6	2.15	200	100	3	N/A	N/A	449
7.0	2.15	200	100	3	N/A	N/A	449
7.5	2.15	200	100	3	406	406	N/A
8.7	2.45	230	250	3	N/A	N/A	449
9.6	2.45	230	0	4	406	406	N/A
10.5	2.60	245	100	4	406	406	449
12.0	2.75	260	150	4	406	406	N/A
13.8	2.90	275	0	5	406	406	N/A
15.1	3.05	290	100	5	406	406	N/A

SHEET NO.:

ESP1.0